

PLATTSBURGH AIR FORCE BASE,  
JET ENGINE INSPECTION AND MAINTENANCE SHOP  
(Plattsburgh Air Force Base, Building No. 2774)  
Arizona Avenue  
Plattsburgh  
Clinton County  
New York

HAER No. NY-326-P

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD

National Park Service  
Northeast Region  
Philadelphia Support Office  
U.S. Custom House  
200 Chestnut Street  
Philadelphia, Pennsylvania 19106

HISTORIC AMERICAN ENGINEERING RECORD

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**Location:** Arizona Avenue, Plattsburgh, Clinton County, New York

UTM 18.622860.4945280  
Quad: Plattsburgh, NY-VT, 1:24,000 (1966)

**Date of Construction:** 1956

**Architect/Engineer:** Unknown

**Present Owner:** United States Air Force

**Present Use:** Jet engine testing support

**Significance:** The overall 30,720 square-foot Jet Engine Inspection and Maintenance Shop provided 29,427 square feet of engine inspection and maintenance space and 1,293 square feet of supply and equipment warehouse space dedicated to maintaining jet engines in a constant state of readiness.

**Project Information:** Building No. 2774 at Plattsburgh Air Force Base (AFB) is being documented in accordance with HAER standards to mitigate for the potential adverse effects of transferring deed of title to the property from federal ownership. The property transfer is a result of the disposal and reuse of Plattsburgh AFB, pursuant to the Defense Base Closure and Realignment Act of 1993. The mitigation is a stipulation of a Programmatic Agreement (PA) among the U.S. Air Force, the New York State Historic Preservation Officer, and the Advisory Council on Historic Preservation (October 2000).

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**Summary Description of Jet Engine Inspection and Maintenance Shop (Building No. 2774)**

**Layout**

Building No. 2774 is a one-story building with a nearly flat roof. It is rectangular in plan, with small loading dock and vestibule offsets. Fenestration consists of bays of metal, factory-style sash windows, most of the glazing to which has been painted beige. Building No. 2774 is a steel frame building clad in corrugated metal siding painted beige. This building measures 151'-6" x 201'-4"; a small offset measuring 12'-0" x 16'-8" is located on its north façade. The south and north façades have five large overhead garage doors.

**Alterations/Additions**

There have been no known major additions or alterations to Building No. 2774.

**Function**

Building No. 2774 was originally used as an aircraft engine repair and inspection shop. It was later used as a pharmacy for a brief time. Within the building, the jet engine inspection and maintenance shop included space for the maintenance of aircraft engines at the base. Spare engines could also be stored in the shop, which provided warehouse space for bulk and bin storage of materials requiring maximum protection from the weather. The supplies and equipment warehouse space was also used to store the supplies and equipment necessary to support base operations; receiving, shipping, packing and crating activities; warehouse offices (exclusive of offices in Base Supply Administration), flyaway and mobility kit storage; base equipment; and dangerous materials, exclusive of explosives and ammunition.

**Significance**

At the height of the cold war, Strategic Air Command (SAC) bombers and tankers were the first line of America's defensive deterrent to the Soviet threat. Yet no matter how formidable the US nuclear arsenal may have been, without the capabilities of the jet engine to deliver payloads over long hauls, our nuclear deterrents would have been for naught. Accordingly, facilities such as Building No. 2774, wherein jet engines could be inspected and maintained in order to keep US SAC capabilities in a constant state of readiness, were essential to the SAC mission.

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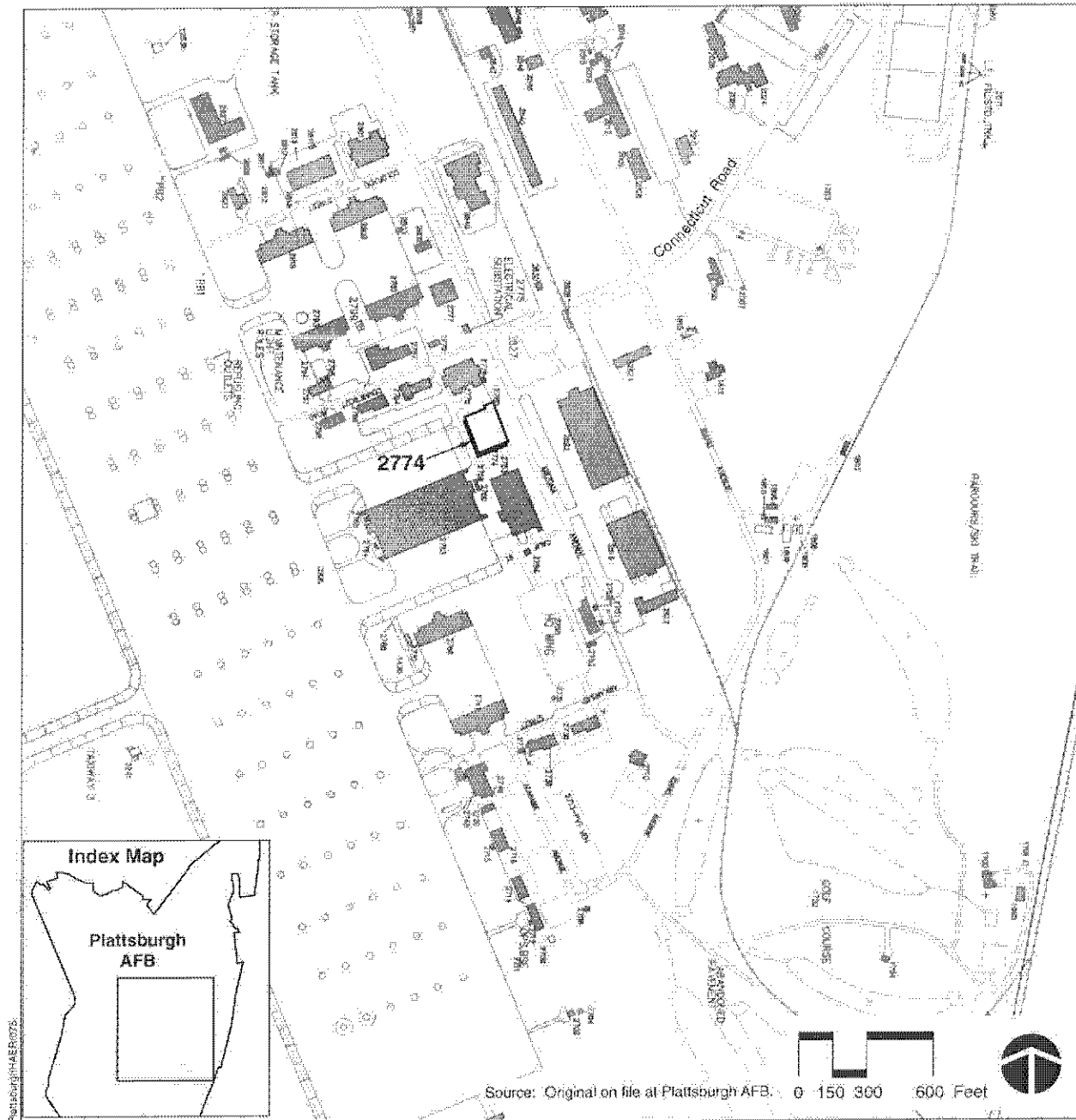
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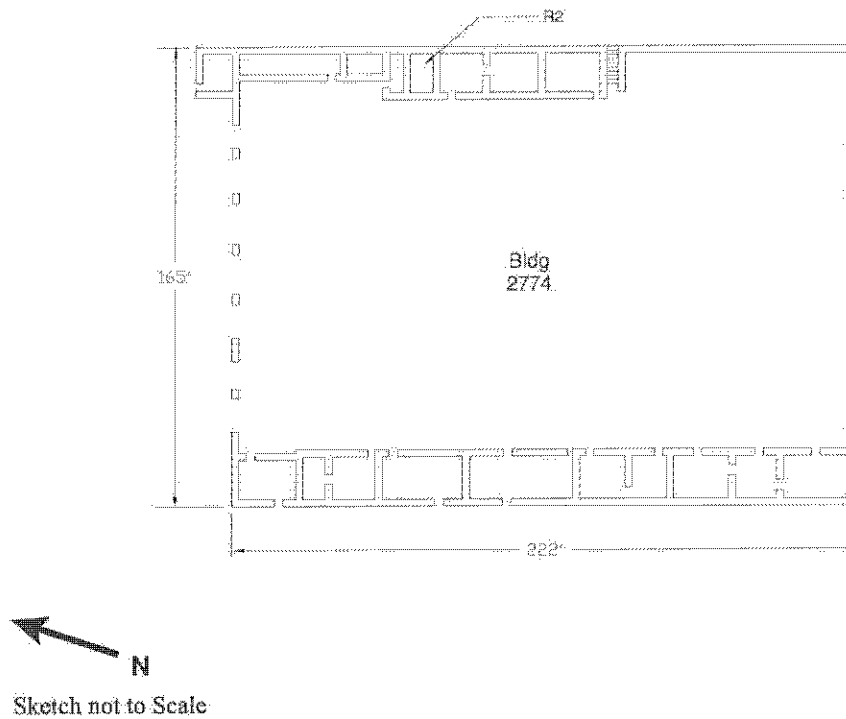
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Location Map for Jet Engine Inspection and Maintenance Shop, Building No. 2774  
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SKETCH PLAN—JET ENGINE INSPECTION AND MAINTENANCE SHOP  
(Plattsburgh Air Force Base, Building No. 2774)  
(Source: Plattsburgh AFB CAD File, Prepared by the United States Air Force, ca 2000)  
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